CLAIMS

What is claimed is:

1.   A system for remotely accessing a client in a client-

2   server system comprising :

3   a browser for requesting remote access;

4   a client machine further comprised of a listening program

5   responsive to requests for remote access and a client agent for

6   communicating with the browser and a server machine.

1   2.   The system for remotely accessing a client in a client

2   server system as claimed in claim 1, wherein the browser requests

3   access to a client machine by sending a universal resource

4   locator containing a machine name and a port number over a

5   network.

1   3.   The system for remotely accessing a client in a client

2   server system as claimed in claim 2, wherein the listing program

3   in the client machine is listening on the port number, and

4   establishes communications with the browser over a second port

5   number in response to the request for access.

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1   4.   The system for remotely accessing a client in a client

2   server system as claimed in claim 3, wherein the listening

3   program spawns the client agent to communicate with the browser

4   and the server.

1   5.   The system for remotely accessing a client in a client

2   server system as claimed in claim 4, wherein the client agent

3   sends the browser an applet further comprising graphical user

4   interface to execute on the browser.

1   6.   The system for remotely accessing a client in a client

2   server system as claimed in claim 5, wherein the applet executes

3   in the national language and locale of the browser.

1   7.   The system for remotely accessing a client in a client

2   server system as claimed in claim 5, wherein the browser is

3   located on the server machine.

1   8.   The system for remotely accessing a client in a client

2   server system as claimed in claim 5, wherein the graphical user

3   interface is a command line interface.

9. A method for remotely accessing a client machine from a browser over a network comprising the steps of:

providing a universal resource locator containing a machine name and a port number at a command line at the browser;

listening at the port number for access requests at the client machine;

responsive to a request for access from the browser, invoking a client agent within an application programming interface; and

communicating between the client agent and the browser over the network.

10. The method for remotely accessing a client machine from a browser over a network as claimed in claim 9, further comprising the step of:

communicating between the client agent and a server over the network.

1   11. The method for remotely accessing a client machine from

2   a browser over a network as claimed in claim 10, further

3   comprising the step of

4   sending from the client agent to the browser a graphical

5   user interface that looks like a GUI on the client machine when

6   running at the browser.

1   12. The method for remotely accessing a client machine from

2   a browser over a network as claimed in claim 11, wherein the

3   graphical user interface is implemented in a JAVA applet.

1   13. The method for remotely accessing a client machine from

2   a browser over a network as claimed in claim 10, wherein the

3   communications are comprised of performing client functions from

4   the browser.

1   14. The method for remotely accessing a client machine from

2   a browser over a network as claimed in claim 13, wherein the

3   communications are further comprised of retrieving files from the

4   server to the client machine.

1   15.   The method for remotely accessing a client machine from

2   a browser over a network as claimed in claim 13, wherein the

3   communications are further comprised of backing up files on

4   client machine to the server.

1   16.   A computer-readable medium having a program for

2   servicing a request using a client, the client being capable of

3   communicating with a browser, the client providing a plurality of

4   functions, the program containing instructions for:

5   providing a client agent containing a client platform and an

6   application programming interface; and

7   providing a listening program for listening for a

8   communication from the browser and invoking the client agent;

9   wherein the client agent communicates with both the browser

10   and a server.

1   17.   The computer-readable medium as claimed in claim 16,

2   wherein the client and the server are on the same machine.

1   18.   The computer-readable medium as claimed in claim 16,

2   wherein the browser and the server are on the same machine.

1   19.   The computer-readable medium as claimed in claim 16,

2   wherein the communications by the client agent with the server

3   include instructions for backing up at least one client file.

1   20.   The computer-readable medium as claimed in claim 16,

2   wherein the communications by the client agent with the server

3   include instructions for restoring at least one client file to

4   the client from the server.

1   21.   The computer-readable medium as claimed in claim 16,

2   wherein the program instructions further include instructions

3   for:

4   sending the browser a graphical user interface that runs at

5   the browser.

1   22.   The computer-readable medium as claimed in claim 21,

2   wherein the graphical user interface is a JAVA applet.